

FIG. 1

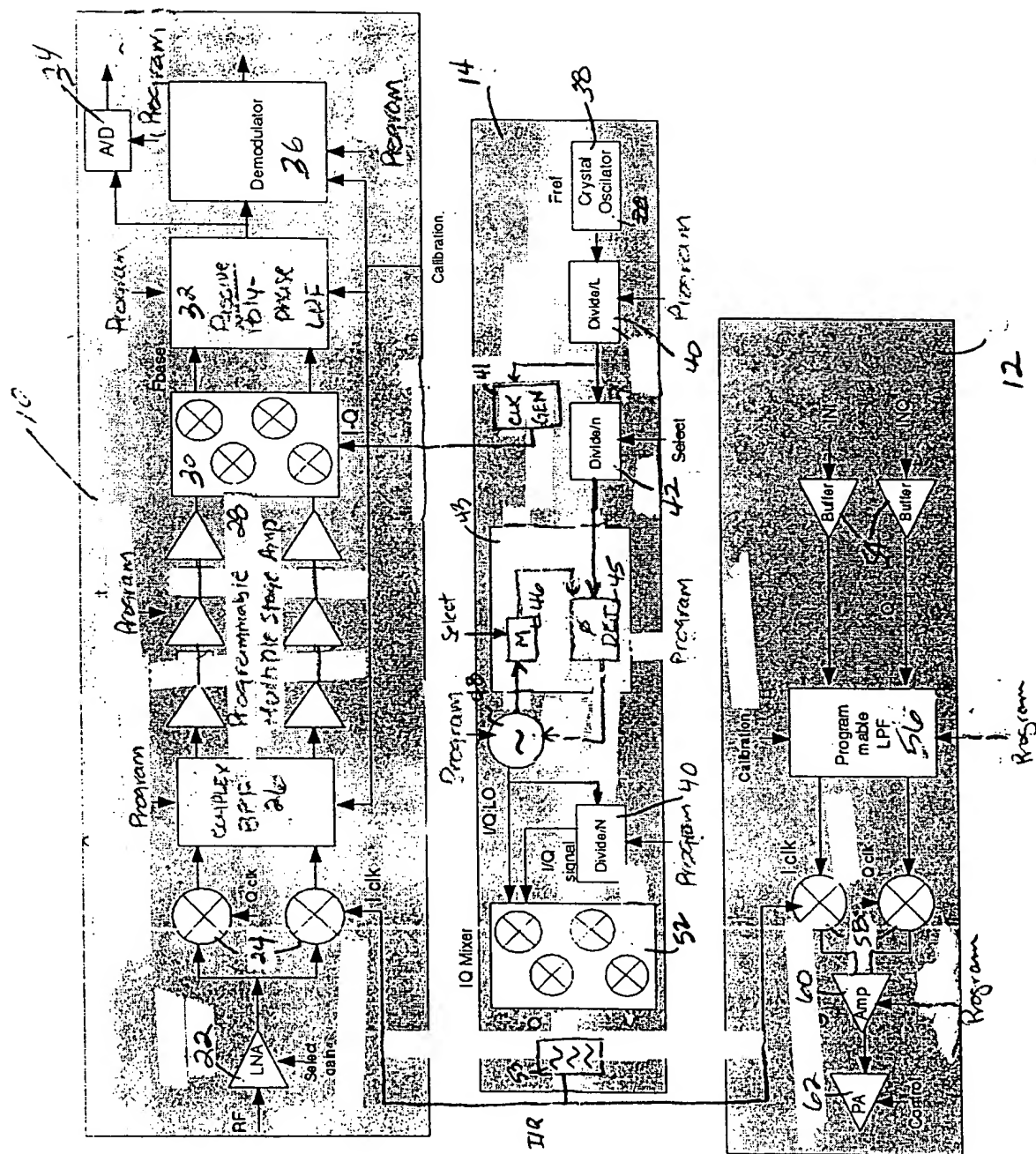
[illegible]

Fig. 2

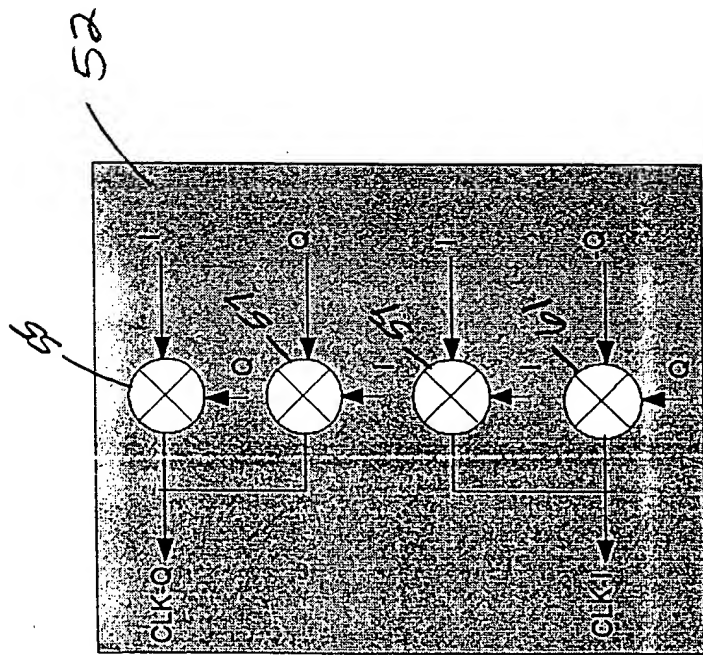


FIG. 3

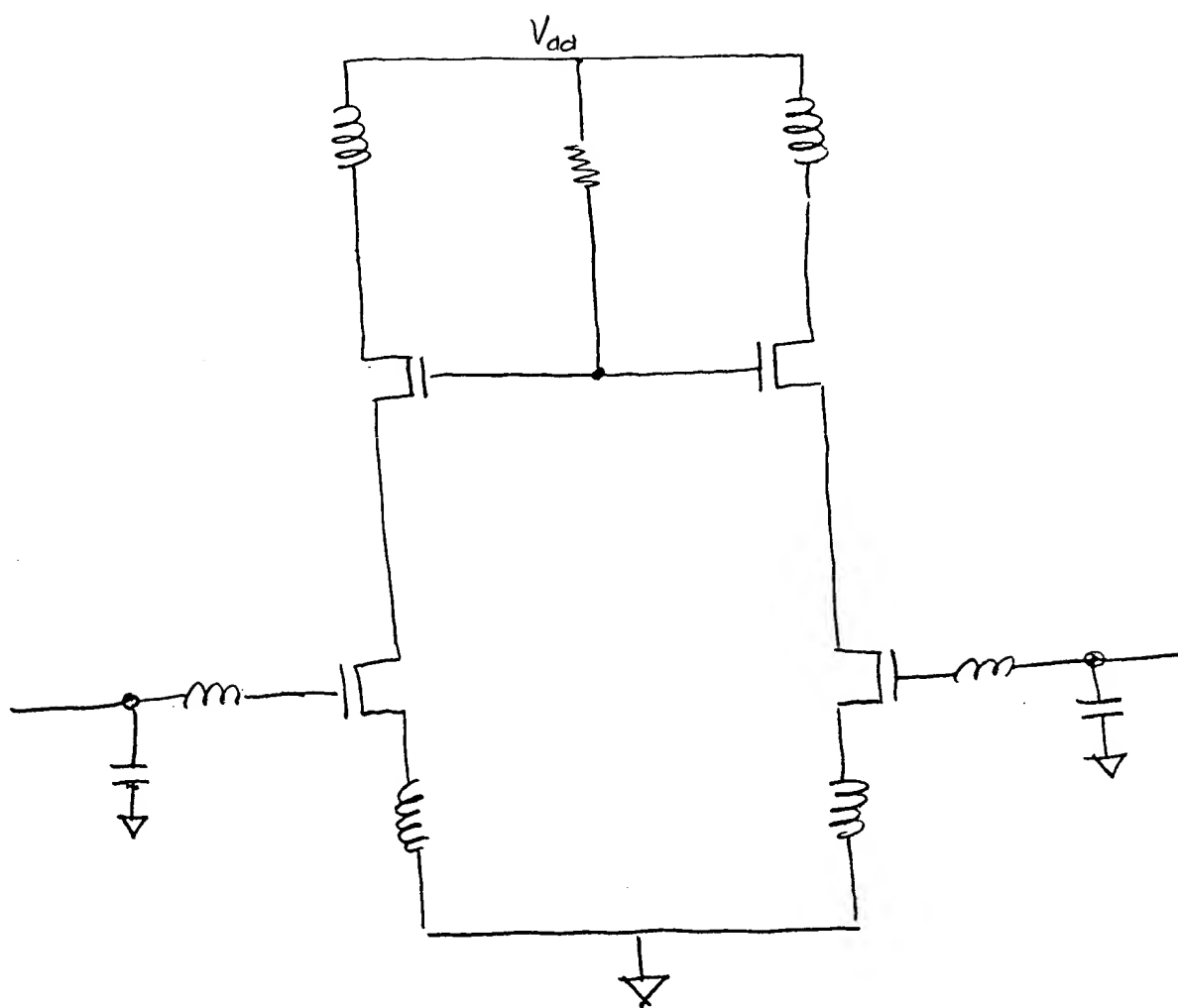
[illegible]

FIG. 4 (a)

00000001-101000

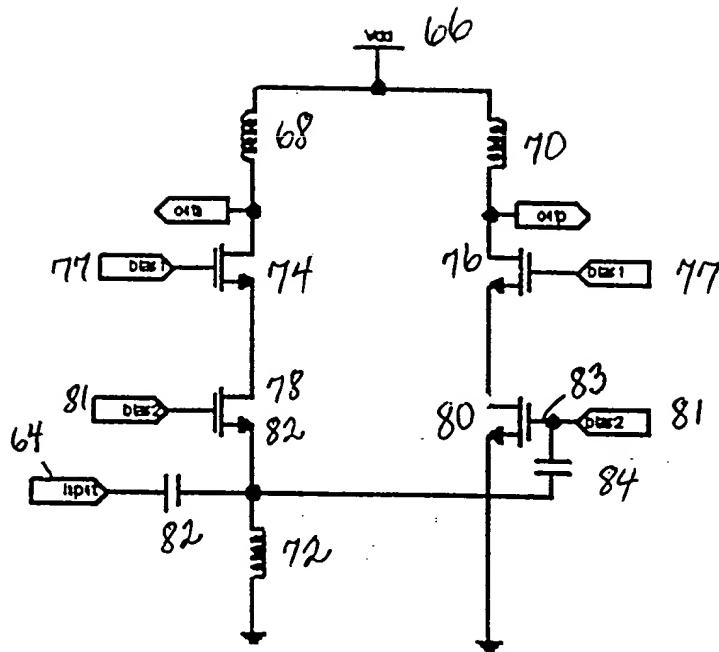


FIG. 4

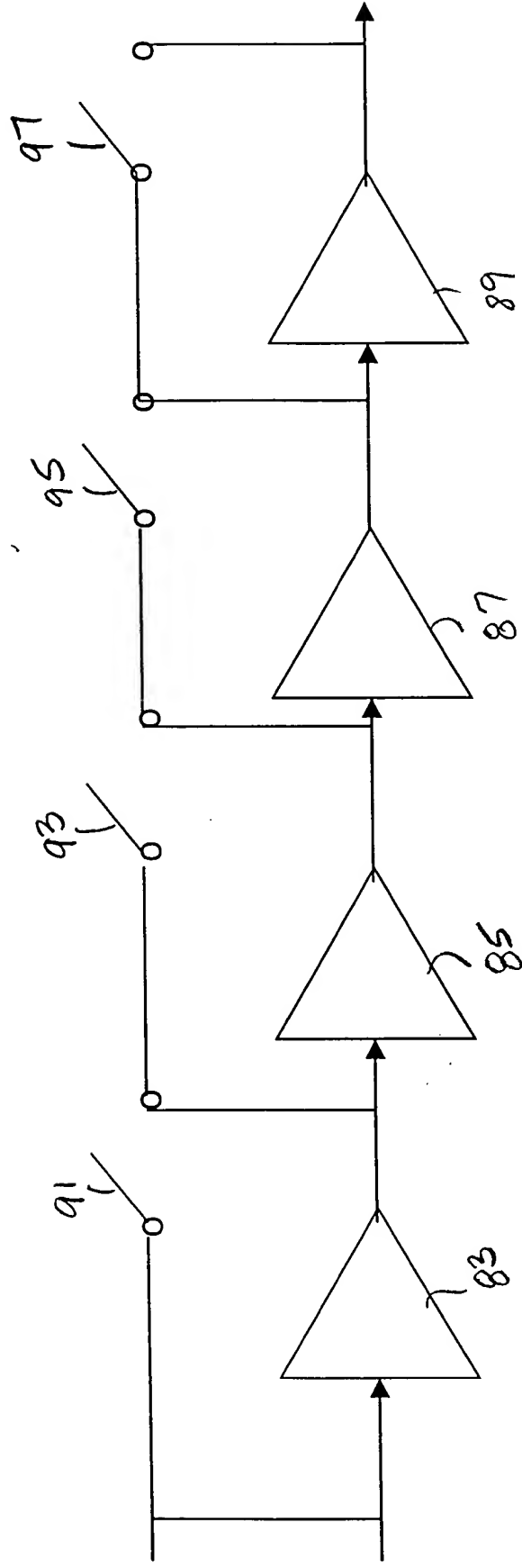


FIG. 5

FIG. 6

A graph showing the magnitude of the transfer function $|H(\omega)|$ versus angular frequency ω . The curve is a bell shape centered at $\omega = 0$. The peak value is $122 A$. The bandwidth, defined as the frequency range where the magnitude is at least $A/\sqrt{2}$, is $2RC$. The magnitude at the bandwidth edges is $A/\sqrt{2}$. The magnitude at the corner frequency $\omega = RC$ is $A/\sqrt{1+(4RC)^2}$. The x-axis is labeled with $-2Q/RC$ and $2Q/RC$. There are handwritten annotations 126 and 124 near the peak and the x-axis respectively.

FIG. 7

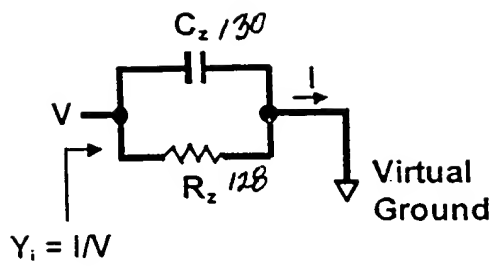


FIG. 8

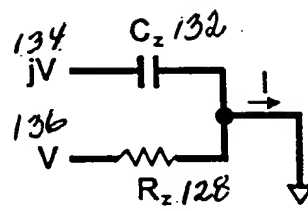


FIG. 9

FIG. 10

Figure 1 is a graph showing Attenuation (dB) versus Frequency (MHz) for a 146 MHz transmitter. The y-axis represents Attenuation in dB, ranging from -60 to 10. The x-axis represents Frequency in MHz, ranging from -6 to 6. The curve shows a sharp dip (zero) at approximately 0.7 MHz and another sharp dip at approximately 3.3 MHz. A text box indicates "Zeros at: 2 ± 1.3 MHz" with arrows pointing to these two locations. The peak of the curve is labeled "146".

FIG. 11

FIG. 12(b)

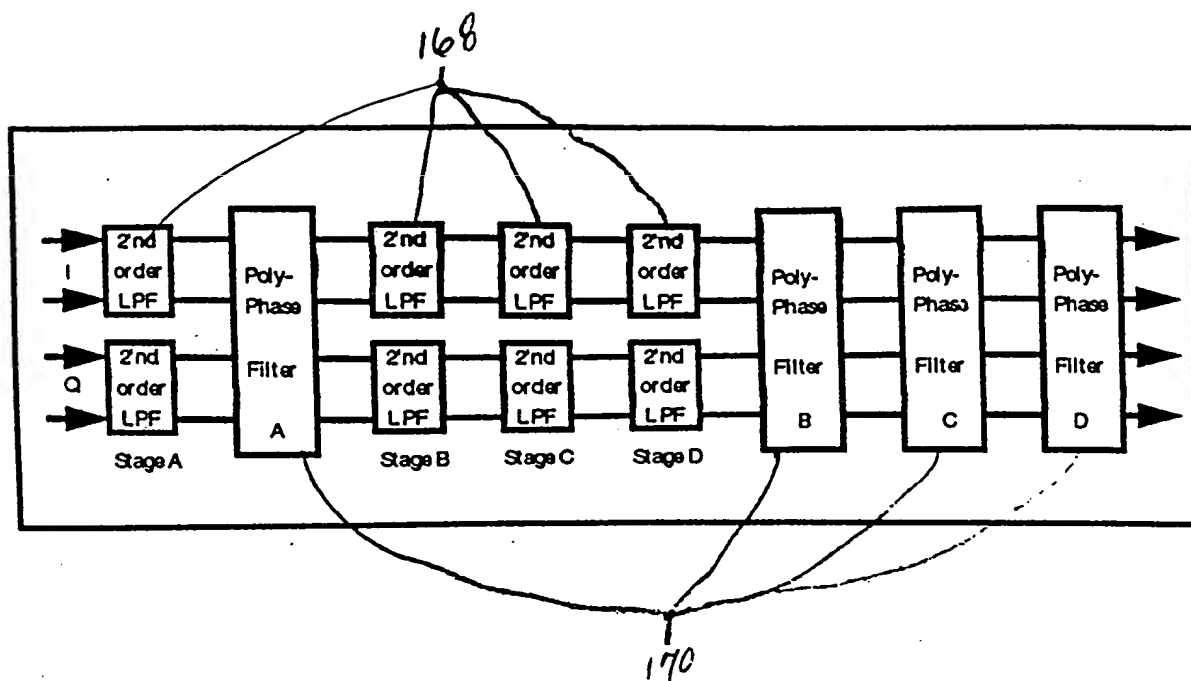
[illegible]

FIG. 13

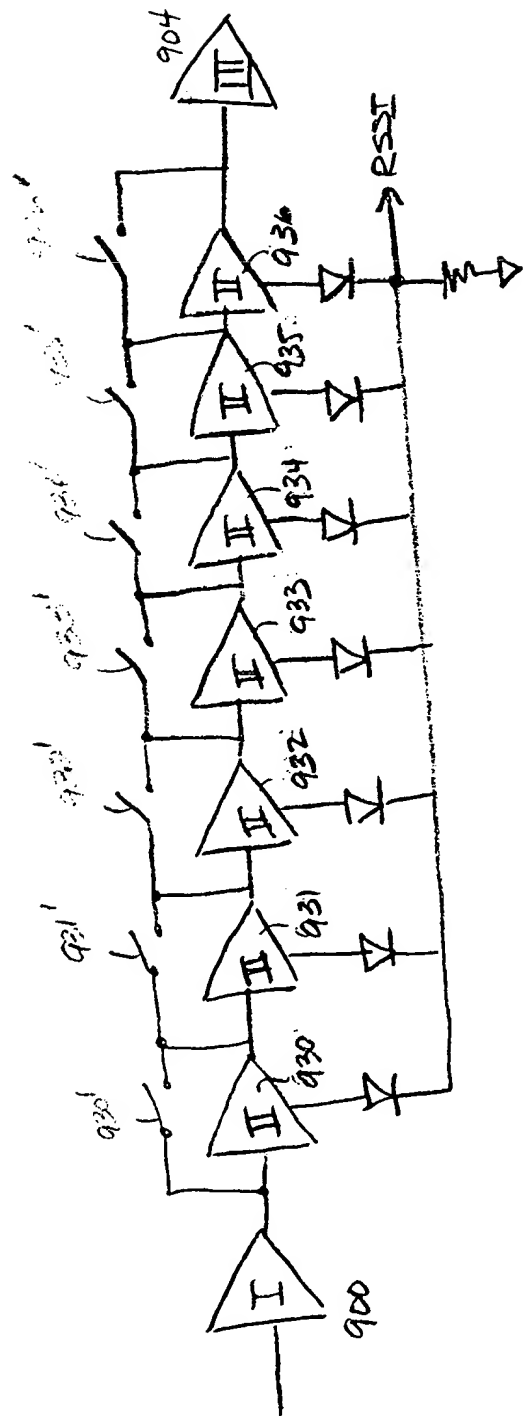


FIG. 14

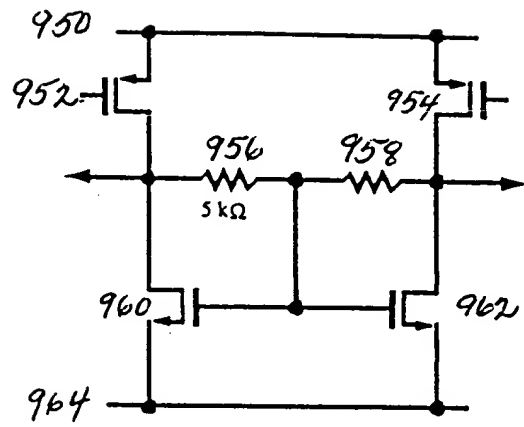


FIG. 15

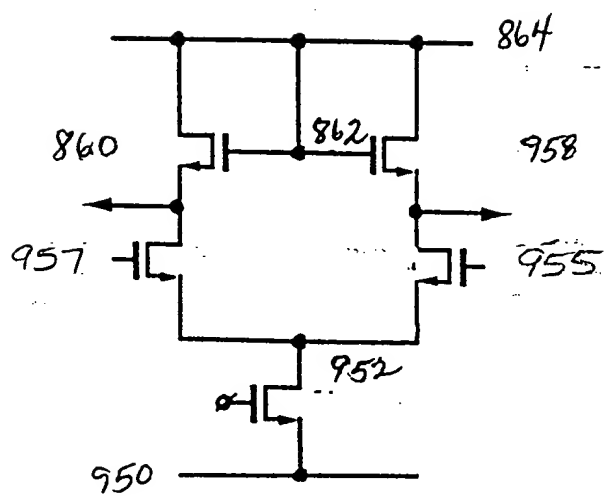
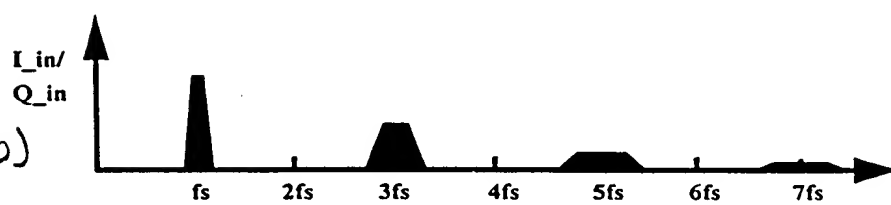
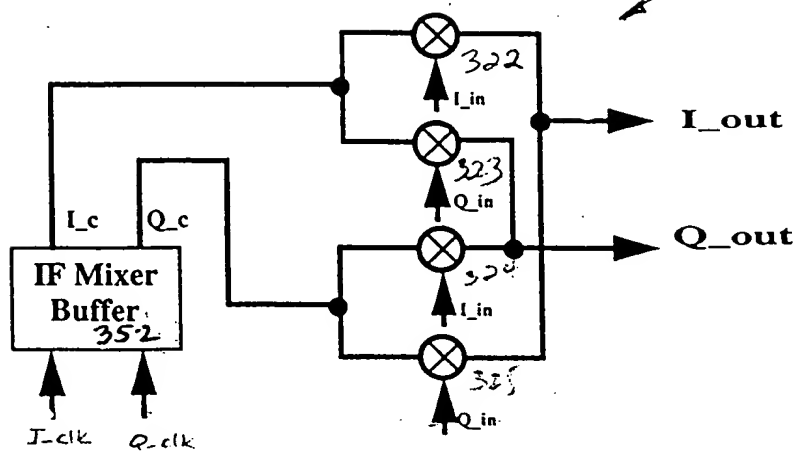
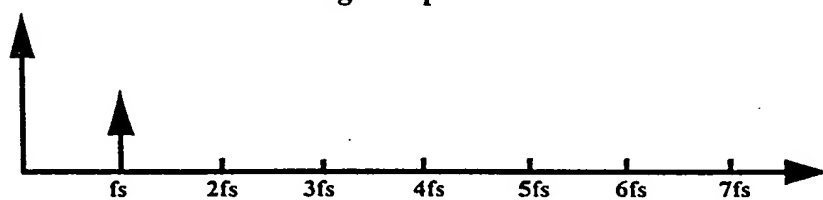


FIG. 16(a)

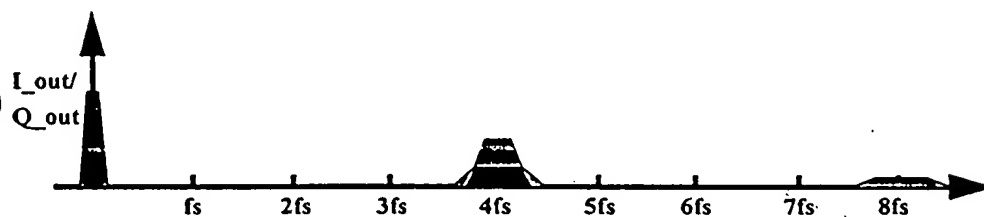
→



Limited IF Signal Spectrum



Sinusoidal Input Spectrum



IF Mixer Output Spectrum

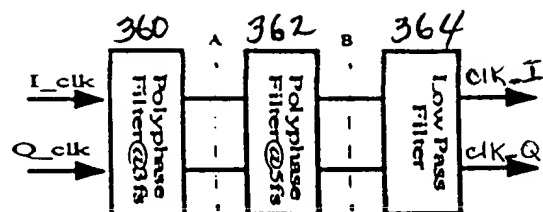


FIG. 18

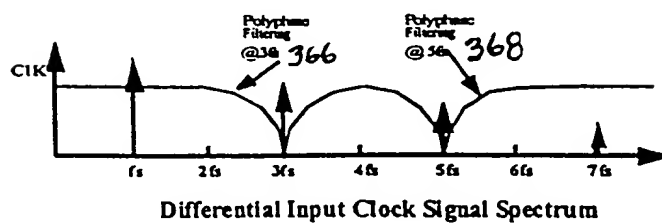


FIG. 19(a)

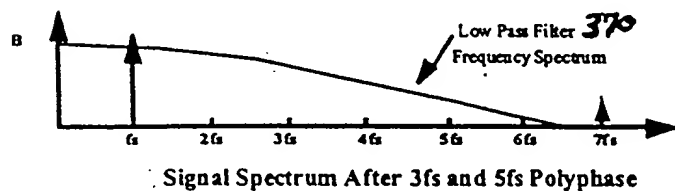


FIG. 19(b)

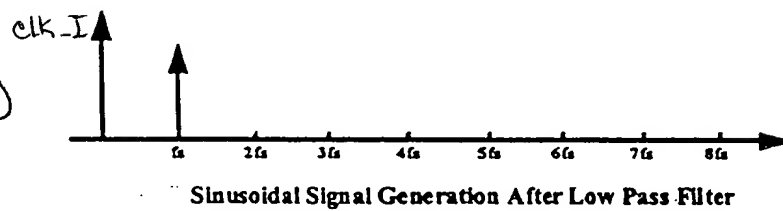
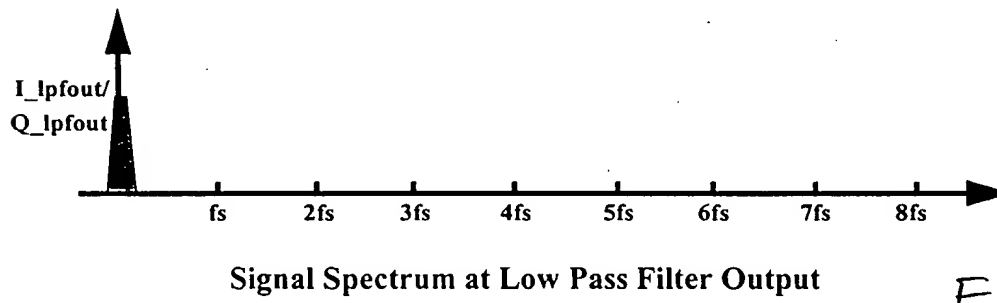
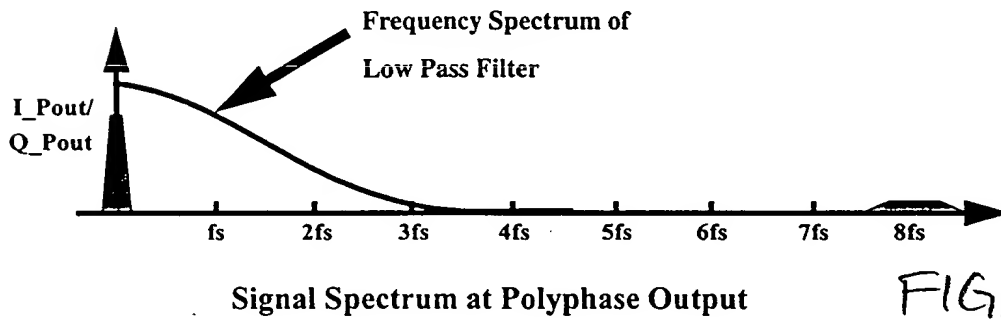
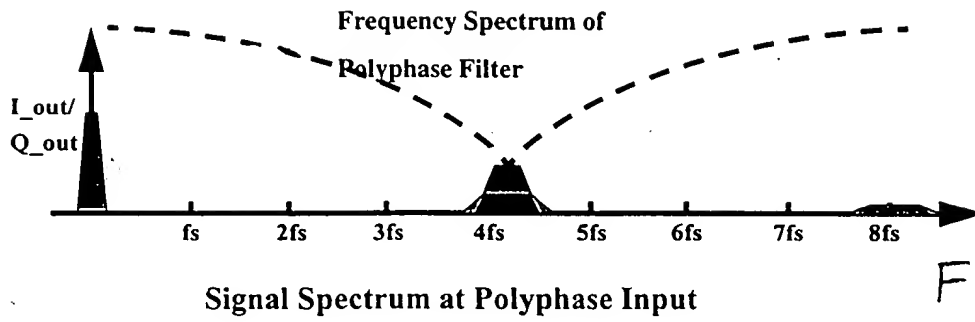
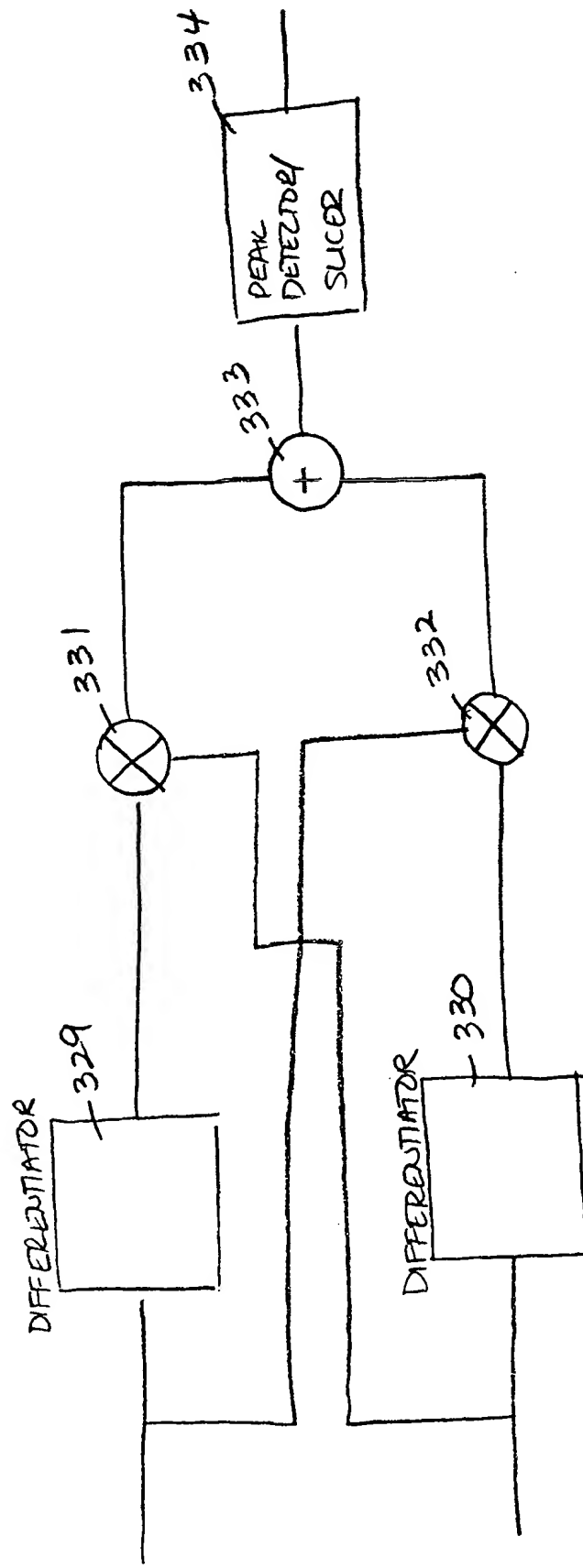


FIG. 19(c)



00000001-101000

[illegible]

F16.21

CONFIDENTIAL

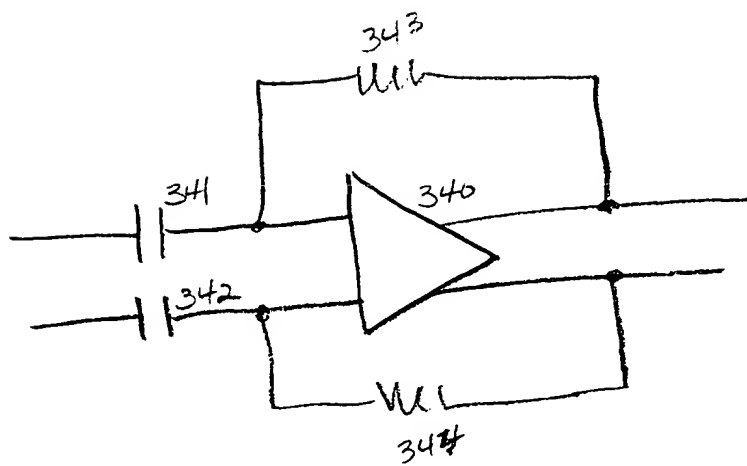


FIGURE 22

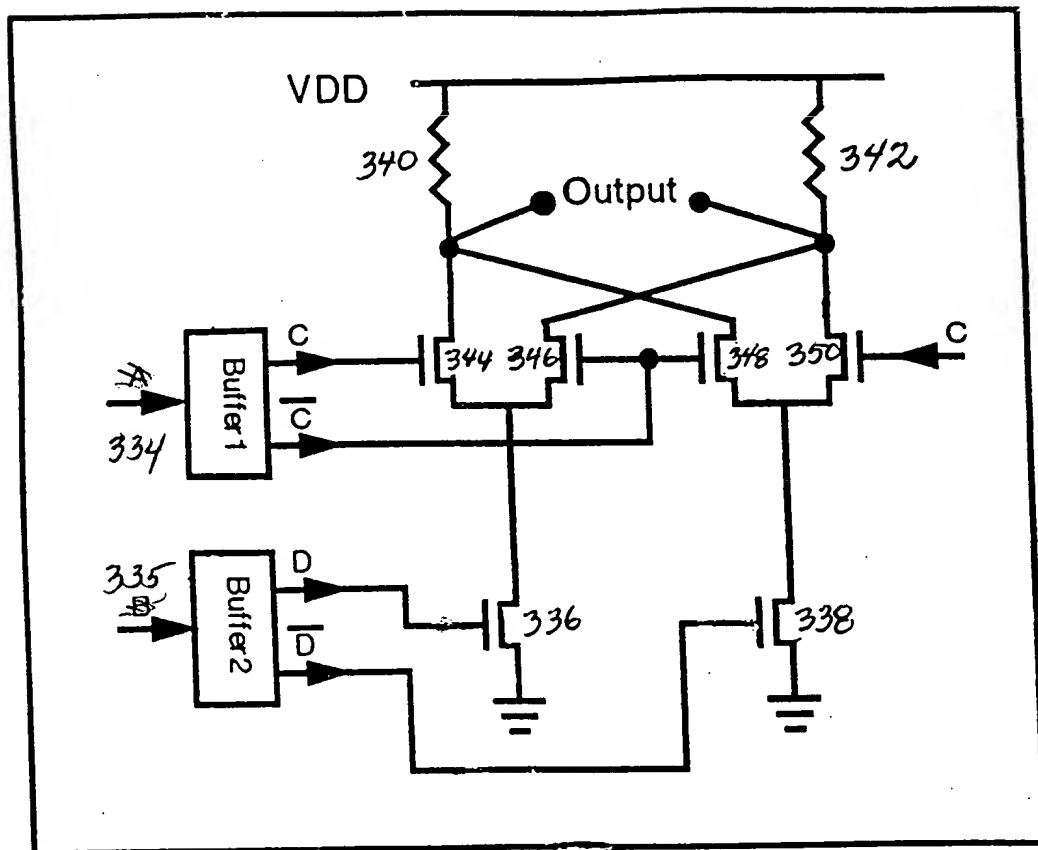


FIG. 23

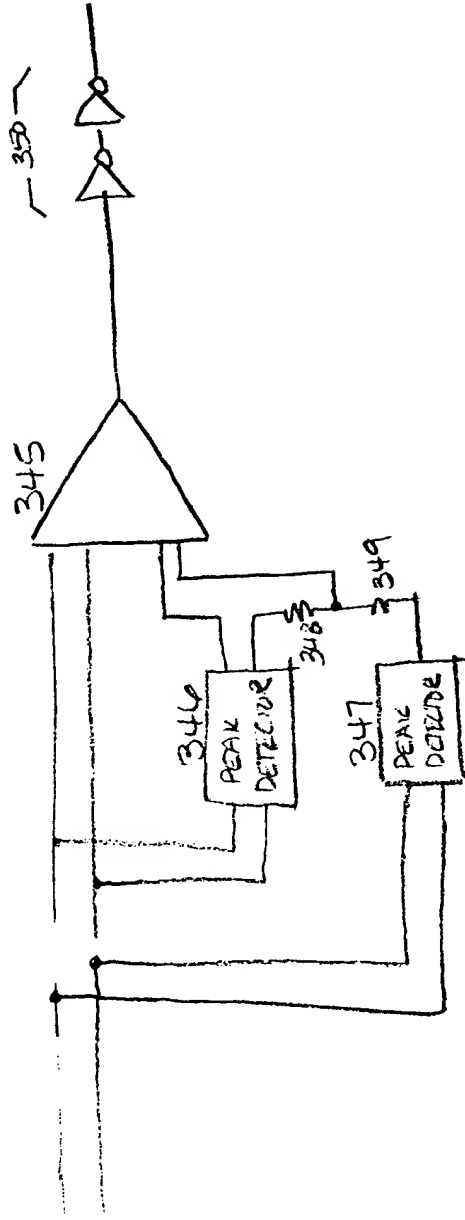


FIGURE 24

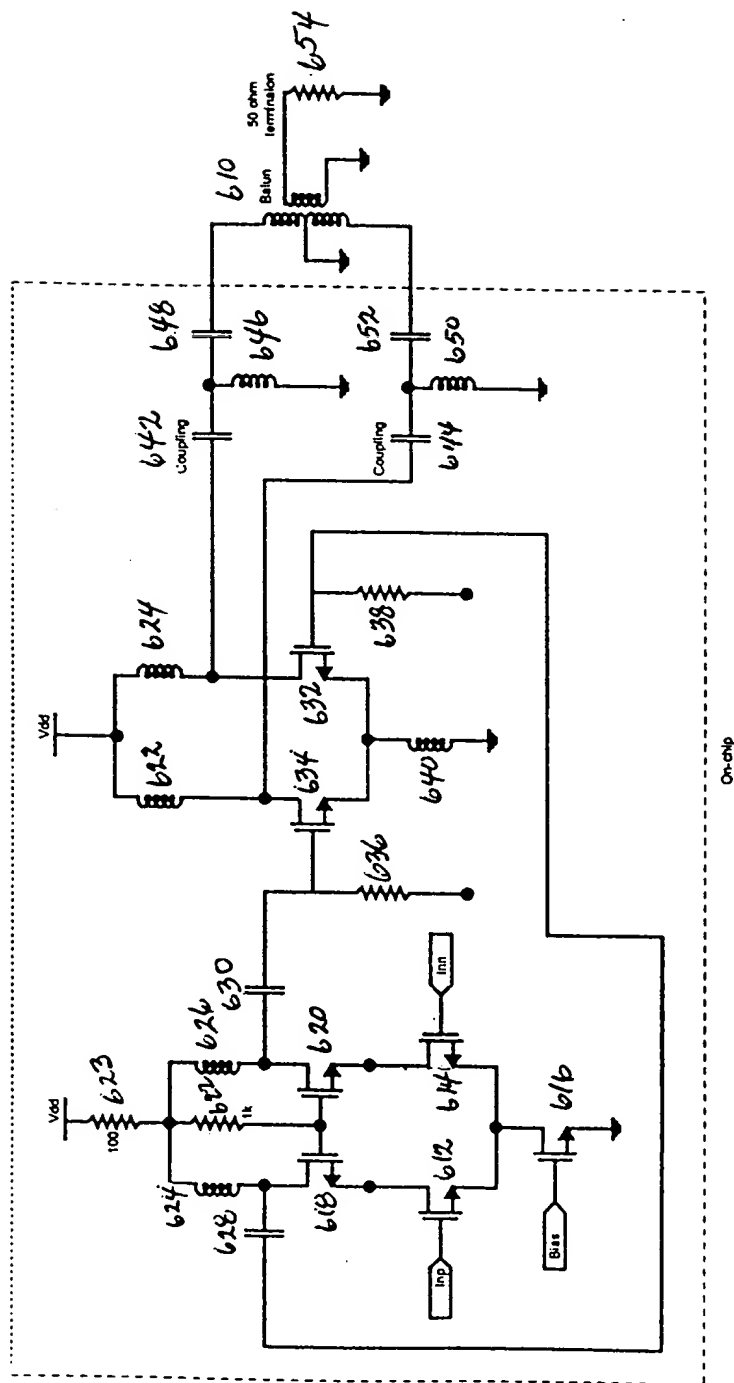


FIG. 25

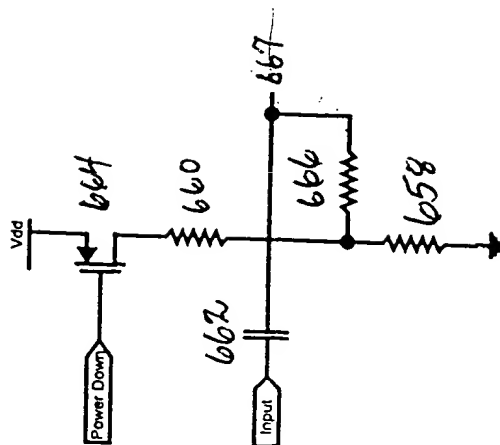


FIG. 26(b)

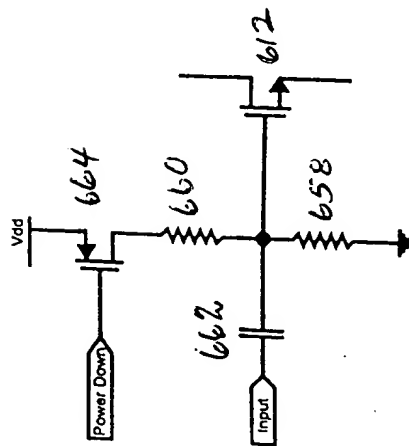


FIG. 26(a)

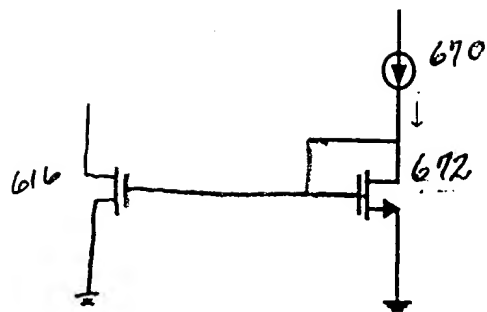


FIG. 27

FIG. 28

[illegible]

FIG. 29

000001-19920960

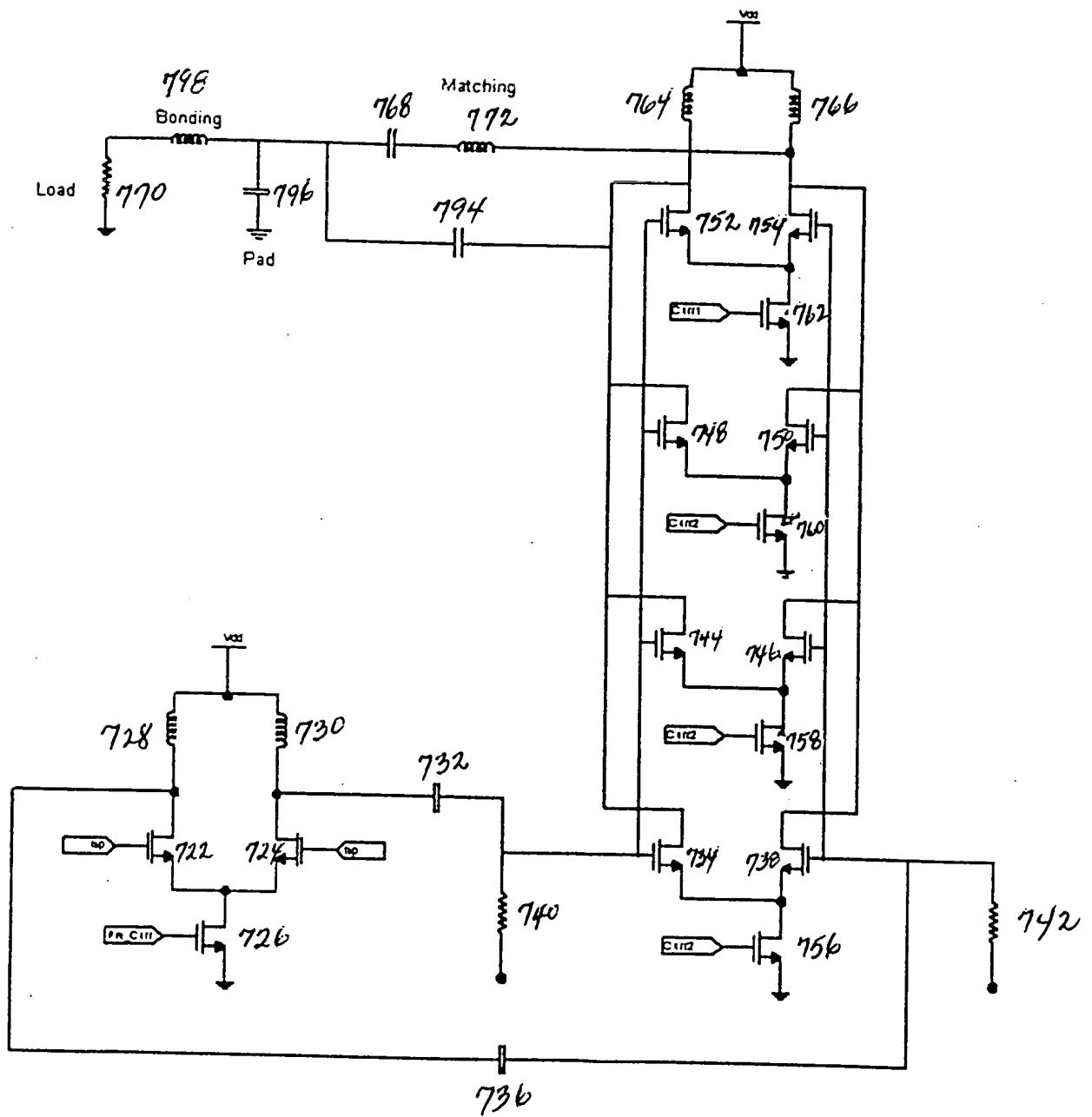


FIG. 30

000001-10100

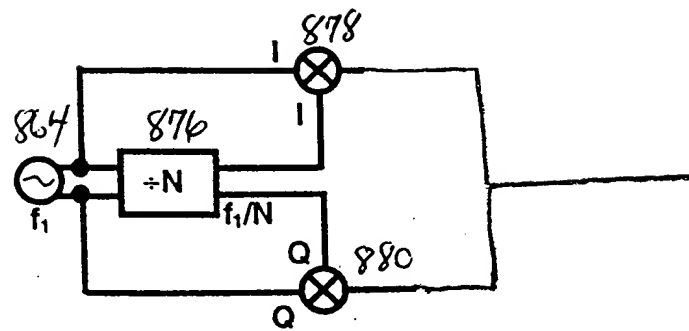


FIG. 32

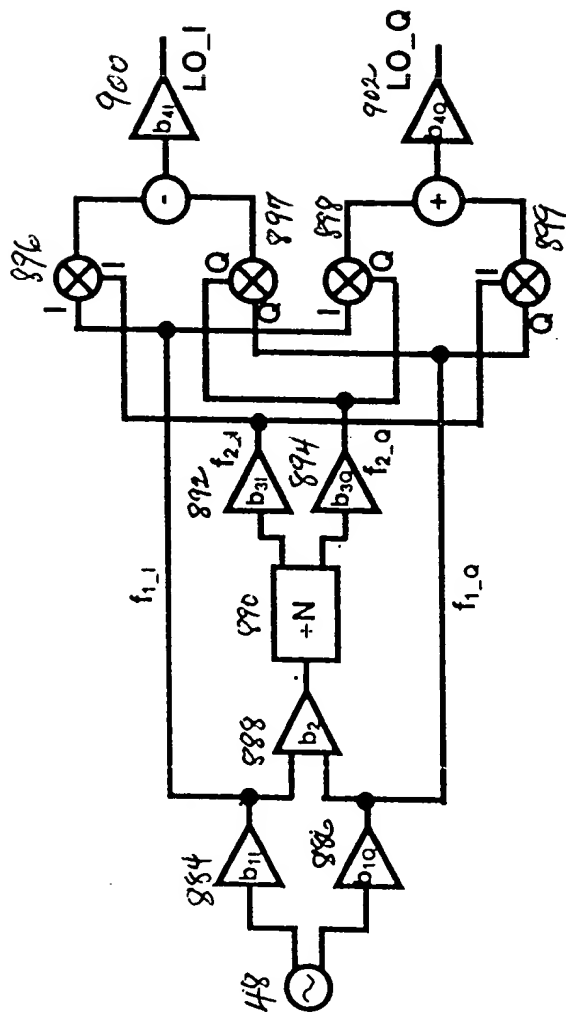


FIG. 33

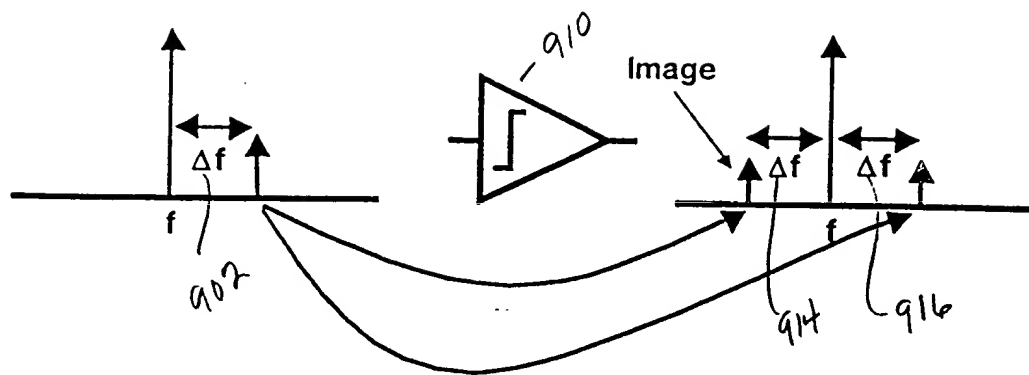


FIG. 33(a)

000001-1992900

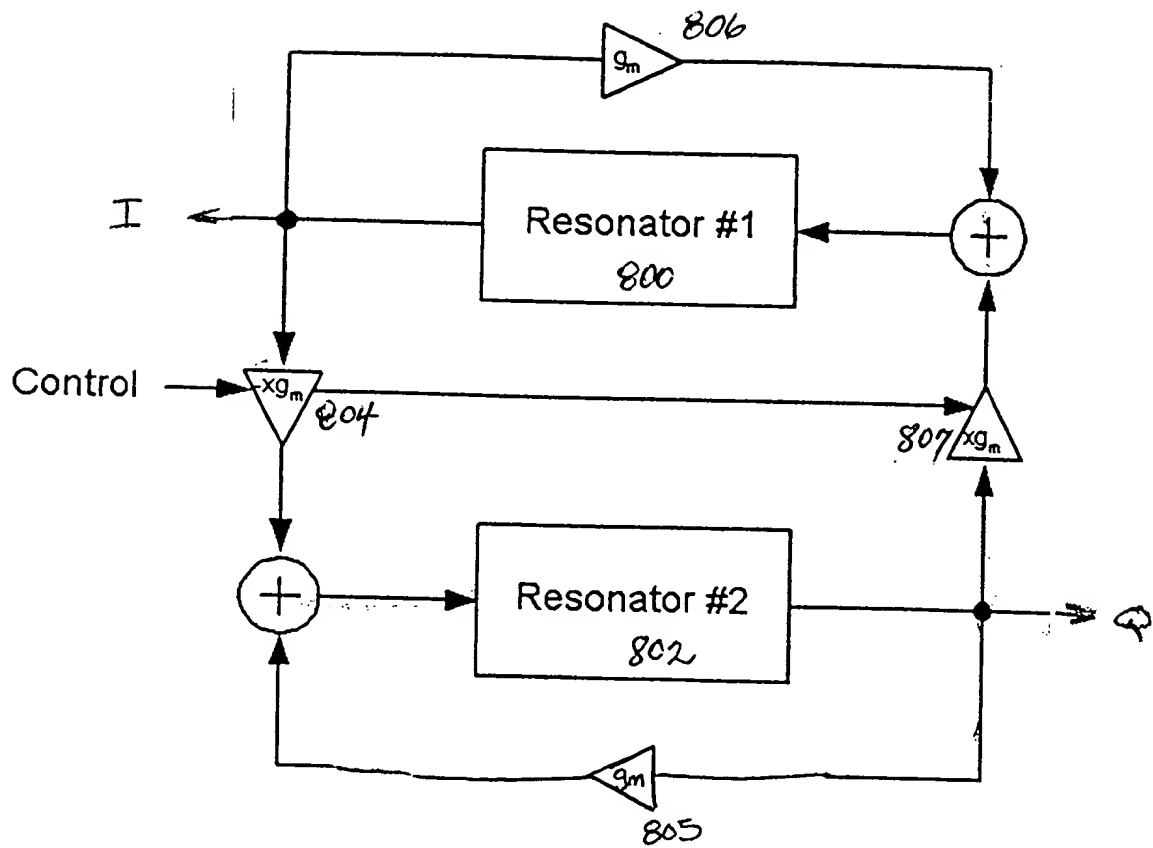


FIG. 34

00000000-1000

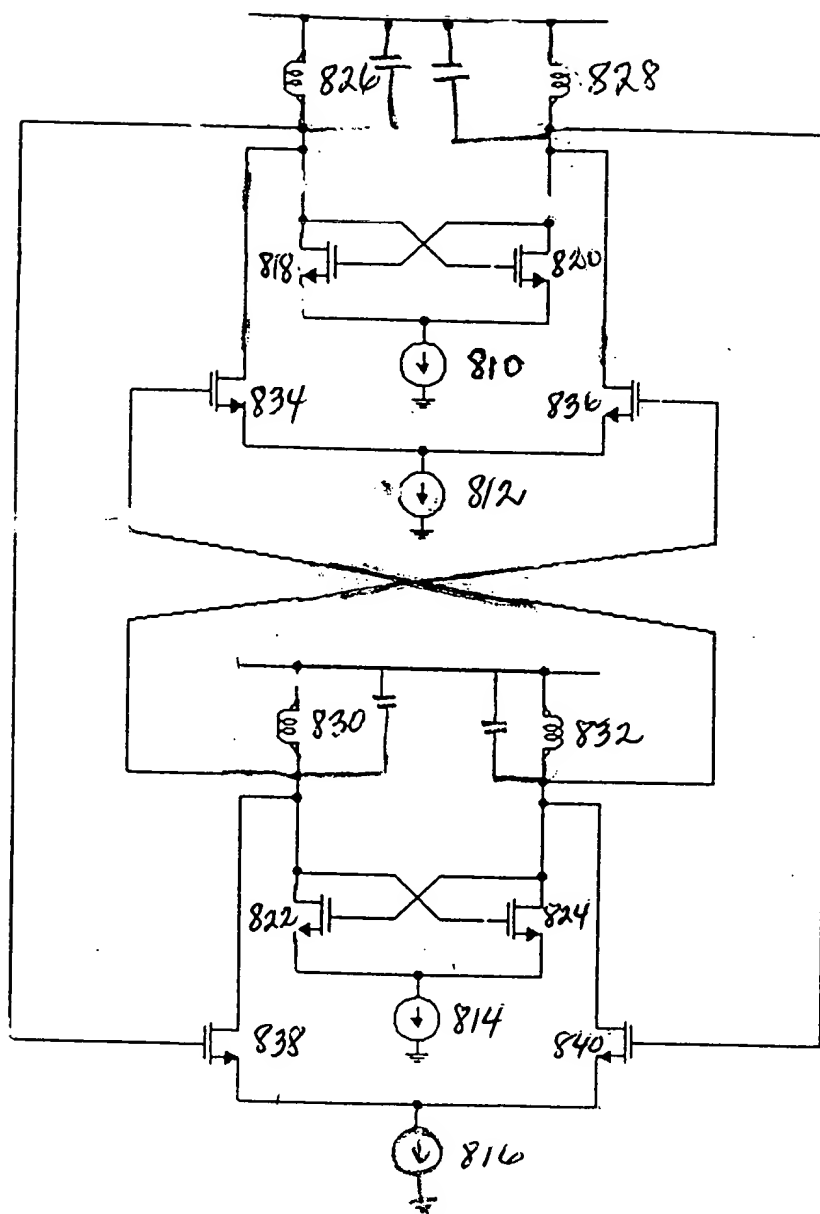


FIG. 35

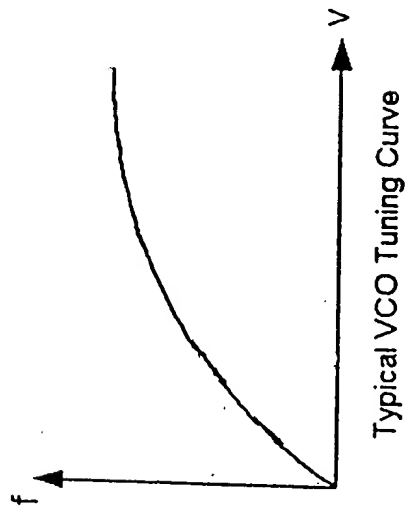


FIG. 36(a)

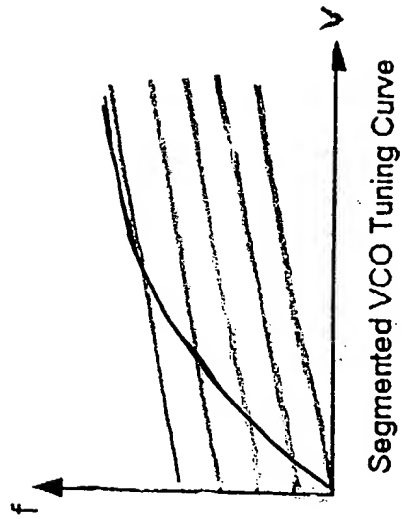


FIG. 36(b)

[illegible]

FIG. 27(a)

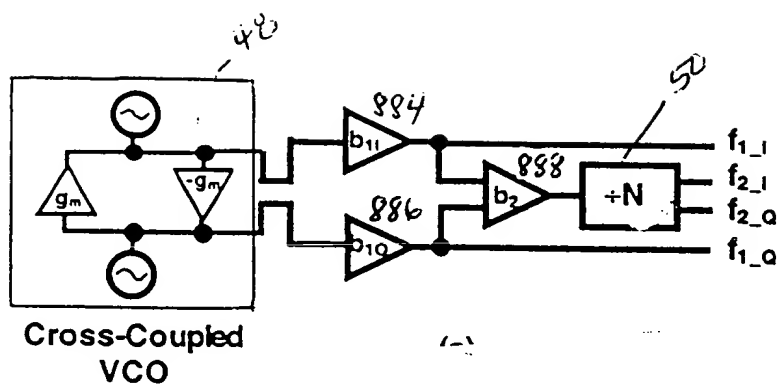
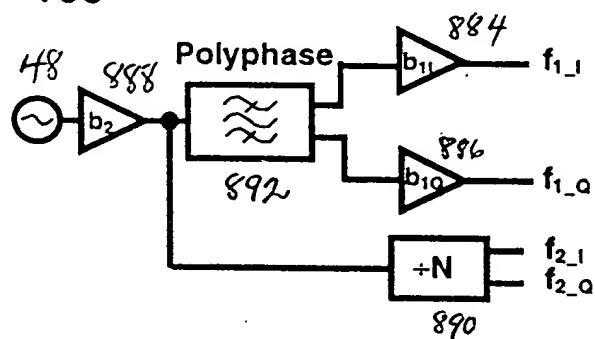


FIG. 37(b)



FROM
EXTERNAL
PROCESSING
DEVICE

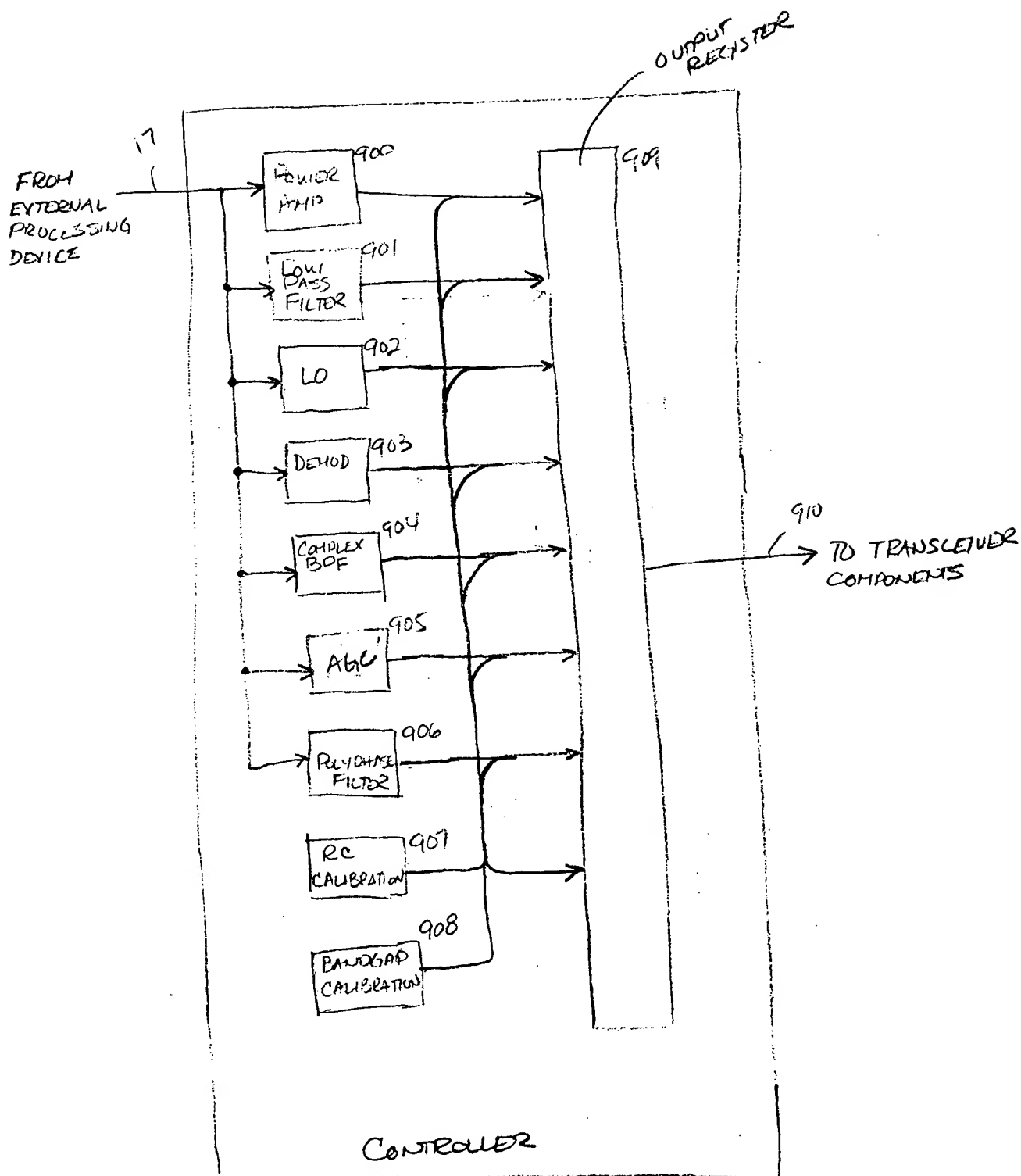


FIGURE 38

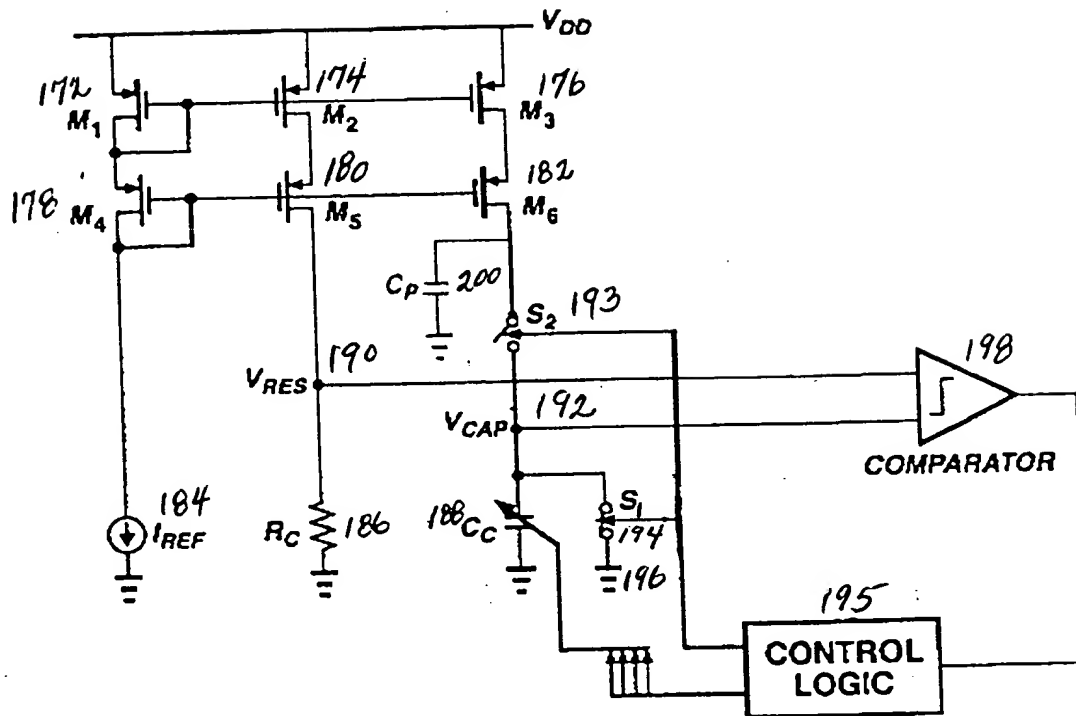
[illegible]

FIG. 39

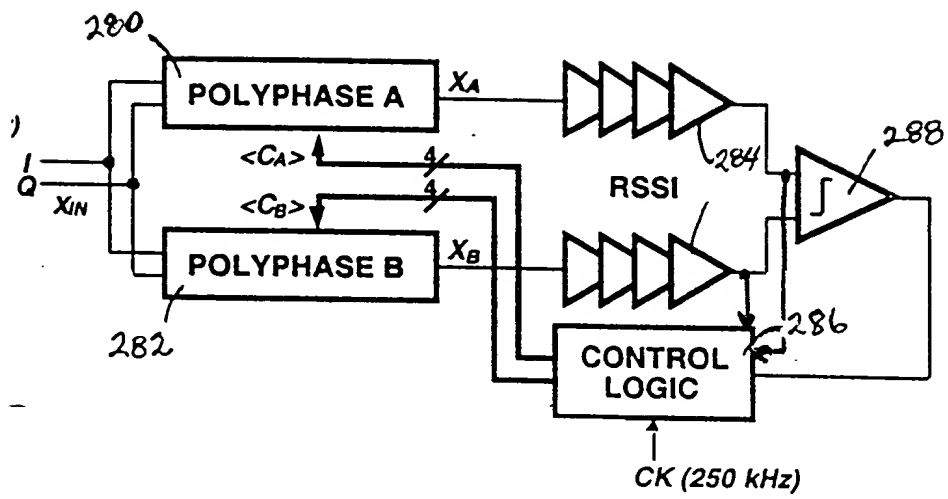


FIG. 40

FIG. 41

FIG. 42

[illegible]

FIG. 43

000001-10100

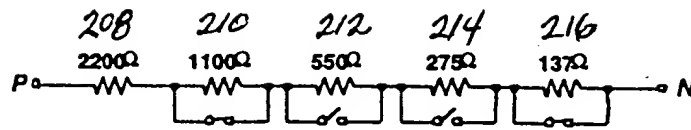


FIG. 44

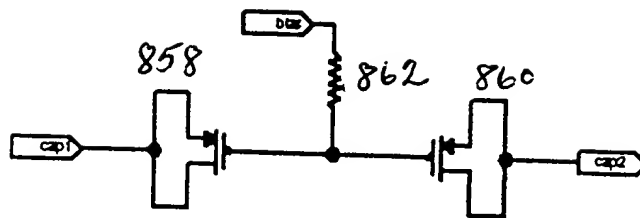
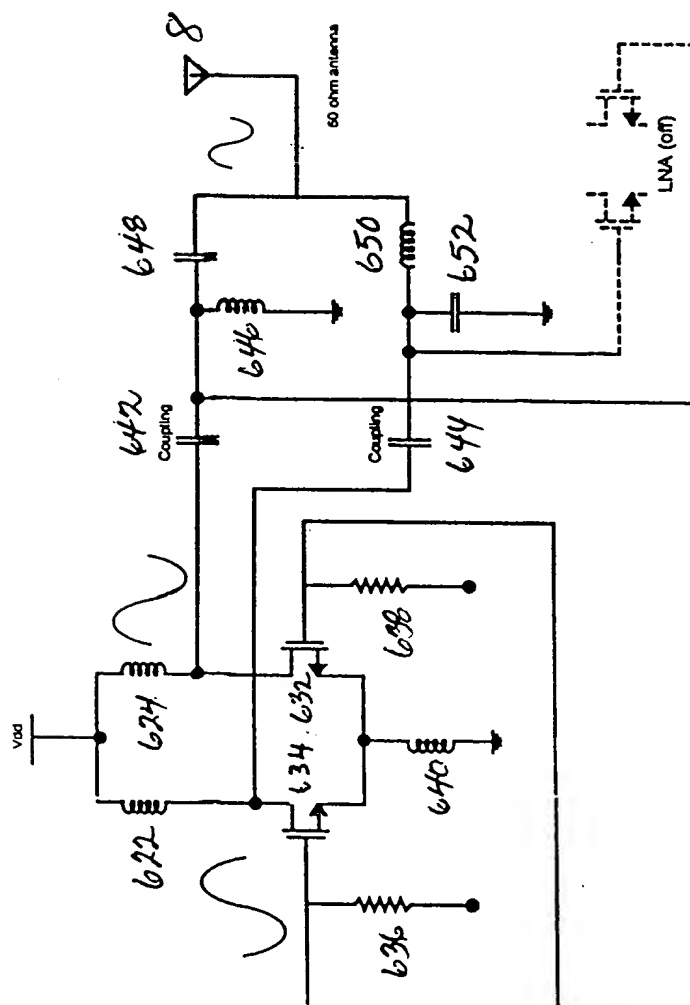


FIG. 45

00692661-101800

[illegible]

1958

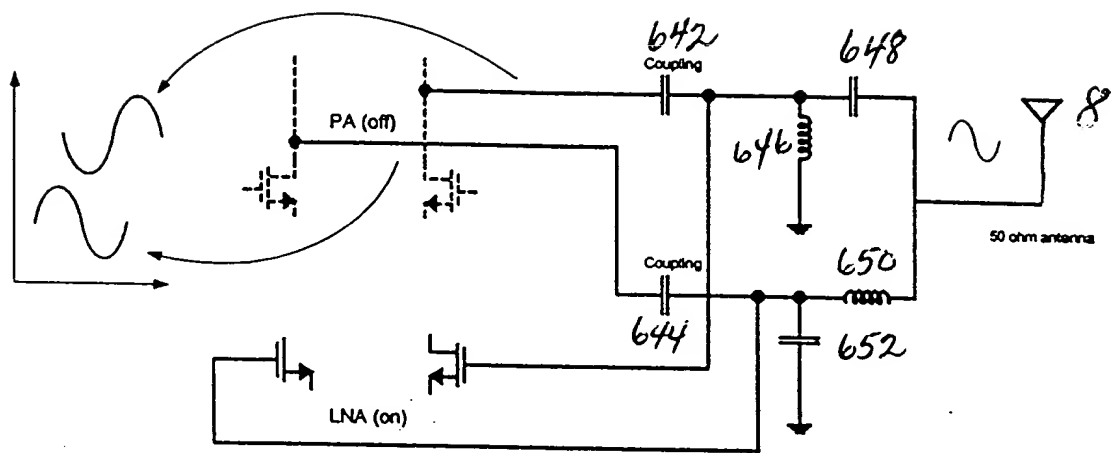


FIG. 47